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... 3] using a Finite Difference formulation. In ... simulation of free surface flow during mould filling, Ph ... 1074.[33] LE Scriven and SF Kistler, Coating flow theory by ...

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VR VOLLER, S PENG, YF CHEN - INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING, 1996 - doi.wiley.com

... volume; free surface; mold filling; porous ... time integration, the flow balance, represented on ... Alternative discretization, eg, finite difference control v01umes ...

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... a variety of heat transfer and flow mechanisms in ... growth, laser processing, casting, coating, welding, polymer ... In the realm of finite-difference techniques for ...

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